

Customer No.: 31561
Docket No.: 10041-US-PA
Application No.: 10/605,660

REMARKS

Present Status of the Application

The Office Action rejected claims 11-15 and 24-25. Specifically, the Office Action rejected claims 11 and 13 under 35 U.S.C. 102(b) as being anticipated by Chu et al. (U. S. Patent 5,856,937; hereinafter Chu) or Degani et al. (U. S. Patent 5,990,564; hereinafter Degani), or under 35 U.S.C. 102(e) as being anticipated by Brillhart (U. S. Patent 6,475,830). The Office Action also rejected claims 15 and 25 under 35 U.S.C. 102(b) as being anticipated by Degani. The Office Action also rejected claims 12 under 35 U.S.C. 102(e) as being anticipated by Degani or under 35 U.S.C. 103(a) as being unpatentable over Degani. Applicant has cancelled claim 24, amended claim 25 and added claim 26. After entry of the amendments, claims 10-15 and 25-27 remain pending in the present application, and reconsideration of those claims is respectfully requested.

Drawings and Fundamental Discussions

The Office Action states that the features of non-orthogonal as recited in claim 25 is not shown in drawings. Applicant respectfully disagrees.

As shown in FIG 2 and FIG 3, the orthogonal arrangement is shown by the dashed line for the first package module 210. However, the non-orthogonal arrangement is shown by the solid line for the first package module 210.

In other words, for the orthogonal arrangement, the corresponding side of the first package module is substantially parallel to the side of the second package module. In this manner, the

Customer No.: 31561
Docket No.: 10041-US-PA
Application No.: 10/605,660

corner of the second package modules 212 is *not facing to* the side of the first package module 210.

However, for the non-orthogonal arrangement, the corresponding side of the first package module is substantially parallel to the side of the second package module. In this manner, the corner of the second package modules 212 is *facing to* the side of the first package module 210.

Preferably, as for example shown in FIG. 2A, the corner of the second package modules 212 is *facing to* the side of the first package module 210 in a direction substantially perpendicular to the side of the first package module.

Therefore, the orthogonal arrangement and the non-orthogonal arrangement are clear. The features recited in claims 25 and 26 are shown in drawings.

Discussion of Office Action Rejections

The Office Action rejected claims 102(b) as being anticipated by Chu or Degani, or under 35 U.S.C. 102(e) as being anticipated by Brillhart. The Office Action also rejected claims 15 and 25 under 35 U.S.C. 102(b) as being anticipated by Degani. The Office Action also rejected claims 12 under 35 U.S.C. 102(e) as being anticipated by Degani or under 35 U.S.C. 103(a) as being unpatentable over Degani. Applicant respectfully traverses the rejections for at least the reasons set forth below.

With respect to independent claim 11, claim 11 has recited the features under non-orthogonal arrangement, which is discussed above in "Drawings and Fundamental discussions". FIG. 2 or FIG. 3 are the examples with respect to claim 11. The corner of the

Customer No.: 31561
Docket No.: 10041-US-PA
Application No.: 10/605,660

second package module is facing to the side of the first package module.

With respect to independent claim 27, the non-orthogonal arrangement is defined in another point of view.

In re Chu, the second chips 20 and 22 are orthogonal to the first chip 19, as discussed above. The corner of the second chips 20 and 22 is not facing to the side of the first chip 19.

In re Degani, similar to Chu, the arrangement in Fig. 1 is an orthogonal arrangement, in which the corner of the memory 12, and 13 is not facing to the side of the microprocessor 14.

In re Brillhart, similar to Chu and Degani, Fig. 2 is an orthogonal arrangement. In addition, in comparing with FIG. 3 of the present invention, the block 26 in Fig. 2 of Brillhart is the block in dash line in FIG. 3 of the present invention. Fig. 2 discloses the orthogonal arrangement.

Therefore, Chu, Degani, and Brillhart failed to disclose the non-orthogonal arrangement as recited in claim 11.

Furthermore, with respect to dependent claim 26, as for example shown in FIG. 2, the corner of each of the second package modules face the side of the first package module by a direction substantially perpendicular to one of the sides of the first package module.

For at least the foregoing reasons, Applicant respectfully submits that independent claims 11 and 27 patently define over the prior art references, and should be allowed. For at least the

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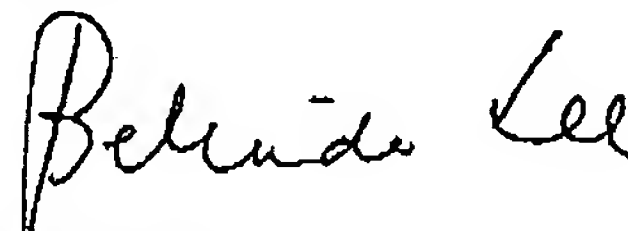
same reasons, dependent claims 11-15 and 25-26 patently define over the prior art references as well.

CONCLUSION

For at least the foregoing reasons, it is believed that all the pending claims 11-15 and 25-27 of the invention patently define over the prior art and are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Respectfully submitted,

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